

### ***Reasons for Allowance***

1. The following is an examiner's statement of reasons for allowance: The method of preparing ZSM-5 as described by the application appears to be both novel and unobvious over the prior art, in light of the fact that no teachings are present showing a nucleation and crystallization step at the claimed times and temperatures. More specifically, teachings in which the nucleation temperature was higher than that of the crystallization temperature were found in only one instance. This teaching comes by way of Thome et al in 5,089,243. Thome teaches the process of making zeolites, but the temperatures used in Thome's process are much greater than that of the current claim, and furthermore, the product being made is materially different and is structurally a pentasil zeolites, which is a genus comprising ZSM-5. The differences between Thome and the instant claims could not be resolved through the use of secondary art, as the instant independent claims are not obvious in view of Thome and further in view of the high degree of unpredictability within the art of zeolite production.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

All the pending claims are allowed.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Matthew E. Hoban whose telephone number is (571) 270-3585. The examiner can normally be reached on Monday - Friday from 7:30 AM to 5 PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vickie Kim can be reached on (571) 272-0579. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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/Vickie Kim/  
Supervisory Patent Examiner, Art Unit 4116